



9 August 2013

To: Department of the Navy
Texas Historical Commission
Advisory Council on Historic Preservation

Battleship TEXAS Project Update

Report Number: 001
Report Period: February 1, 2013 through July 31, 2013
Purpose: Per the Programmatic Agreement (PA) among the Department of the Navy (Navy), the Texas Historical Commission (THC), Texas Parks and Wildlife Department (TPWD) and the Advisory Council on Historic Preservation (ACHP) concerning the Battleship Texas, TPWD is required every six months to submit a summary report detailing the work done on the ship pursuant to the terms of the PA. This document is intended to meet that requirement for the period indicated above.

Note:

The first summary report was due immediately upon the execution of the PA (2/14/13); however, due to the minimal amount of information to be reported TPWD did not submit a report at that time. Henceforth and through the completion of the project, reports will be issued during the first full week February and during the first full week of August.

Initial Reporting Summary

- Request for Competitive Sealed Proposals (CSP) for the Structural Repair of the Battleship Texas was issued on 10/26/12
 - CSP contained a base proposal and 7 alternates (complete document let for solicitation was provided to both the Navy and to THC upon issue):
 - Base
 - Temporary support of ship's engines so as to facilitate repairs to inner bottom tanks and keel underneath engine rooms port and starboard, and the repairs to those spaces
 - Alternate 01
 - Repair work in Trimming Tank D-12
 - Alternate 02
 - Temporary support of ship's emergency diesel generator so as to facilitate repairs to spaces below the generator, and the repairs to those spaces (After Emergency Diesel Generator Room D-11 and Void Space D-99)
 - Alternate 03

- Temporary support of ship's steering gear so as to facilitate repairs to spaces below the gear, and the repairs to those spaces (Trimming Tank D-13, Steering Gear Room D-27 and Void Space D-11)
 - Alternate 04
 - Repair work in Void Spaces D-101, D-102, D-103, CPO Quarters D-111, CPO Mess D-112, CPO Pantry D-113
 - Alternate 05
 - Temporary support of ship's boilers so as to facilitate repairs to spaces below the boilers, and the repairs to those spaces
 - Alternate 06
 - Repair work to ensure watertight integrity of inner hull in multiple spaces along waterline of ship
 - Alternate 07
 - Replace Engine Room floor plating, port and starboard
- Responses received 1/8/13
 - Only a single company responded to the invitation to submit proposals: Taylor Marine Construction, Inc. (TMC) from Beaufort, North Carolina
- The TPWD team evaluated the singular response based on qualifications, including interviewing key TMC personnel on 1/31/13, and determined that TMC was qualified to execute the work
 - TMC successfully performed work on the historic Battleship North Carolina in 2010
 - TMC demonstrated a consistent track record of heavy marine civil project successes
 - TMC demonstrated a strong safety record
- TPWD entered into negotiation with TMC on 2/8/13
- Programmatic Agreement executed 2/14/13

February 2013

- Continued negotiation with TMC regarding construction contract.
- Notice of Intent to Award construction contract issued to TMC on 2/22/13.

March 2013

- Notice of Award Issued 3/8/13 with an effective contract date of 4/3/13
 - Awarded Base proposal, Alternate 01 and Alternate 07 for a total contract amount of \$17.5M
 - Contract performance period of 630 days, with completion date of 12/24/14
- TMC began preparing project submittals, including multiple safety plans and artifact tracking procedures
- TMC began mobilization process
- TPWD / TMC joint decision made to keep the ship open to the public during the construction process; work zones to be established on main deck and 2nd deck, with 3rd deck closed save for the starboard ammo passageway.

April 2013

- TMC tasks:
 - Began construction of staging area on the north side of the Battleship Texas slip
 - Temporary road (built-up section on top of existing grade)
 - Temporary fence (free-standing, no-penetrating posts)

- Installed 8 section spud barge between north shore and ship for construction
- Began pre-construction clean-up operations in fuel tanks (pumping of liquid waste for disposal)
- TPWD tasks:
 - Review, monitor and coordinate with all above TMC work

May 2013

- TMC tasks:
 - Installed construction personnel access scaffolding on spud barge
 - Installed ship deck protection
 - Installed personnel barriers on main and second decks
 - Began removal of bomb grates from vertical trunks through main deck to allow construction access
 - Began removal of starboard engine room floor grating to allow for construction access
 - Began pre-construction clean-up operations in engine room spaces and D-12 (opening and venting of tanks and pumping of liquid waste for disposal)
 - Completed cleaning of fuel tanks.
- TMC Mobilization completed 5/20/13
- TPWD tasks:
 - Review, monitor and coordinate with all above TMC work

June 2013

- TMC tasks:
 - Continued clean-up of D-12
 - Continued removal of engine room floor plating and support framing
 - Began installation of access scaffolding into Trimming Tank D-12 (scaffolding suspended from overhead for safety)
 - Began installation of lighting and ventilation into Trimming Tank D-12
 - Began installation of electrical service from shore to run construction equipment on board (welding machines, lighting, video surveillance equipment, ventilation equipment, etc.)
 - Began removal of piping in engine rooms
 - Continued pumping of liquid waste for disposal (increased volume due to engine room piping removal)
- TPWD tasks:
 - Review, monitor and coordinate with all above TMC work

July 2013

- TMC tasks:
 - Completed clean-up of D-12
 - Continued removal of engine room support framing and piping.
 - Continued pumping of liquid waste for disposal (increased volume due to engine room piping removal)
 - Re-configured staging area to include shaded work area between conex boxes.
 - Installed air conditioning units for engine room and D-12 work.
 - Began hot work in D-12 (cutting access into forward bulkhead).
 - Took receipt of new steel for installation into D-12.

- TPWD tasks:
 - Review, monitor and coordinate with all above TMC work

Photos and other images follow on the subsequent pages.

Submitted by:

A handwritten signature in black ink, appearing to read 'NT', followed by a period.

Neil Thomas
Project Manager, Infrastructure Region III

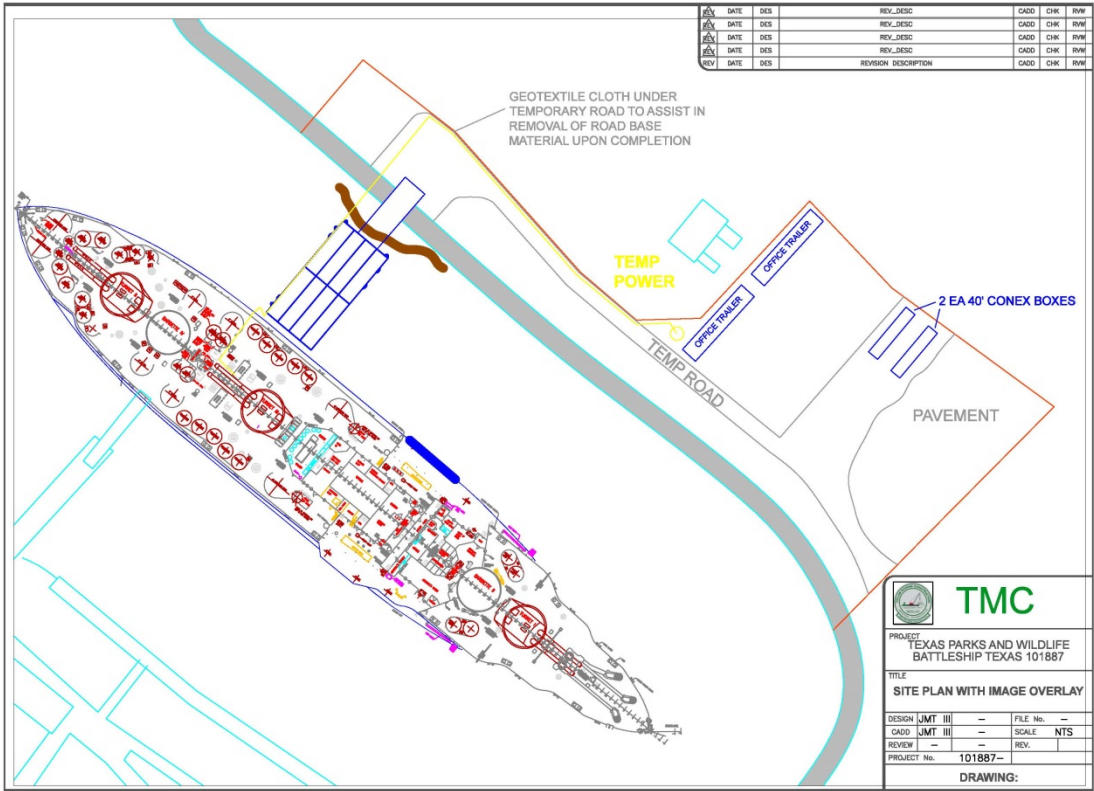
Cc: Rich McMonagle, TPWD Infrastructure Division Director
Brent Leisure, TPWD State Parks Division Director
Justin Rhodes, TPWD State Parks Region 4 Regional Director
Michael Strutt, TPWD Statewide Cultural Resource Program Director
Ruth Mathews, TPWD Region 4 Cultural Resource Coordinator
Andy Smith, TPWD Battleship Texas Site Manager
Jessica Davisson, TPWD Infrastructure Project Management Branch Manager
Jeff Kester, TPWD Infrastructure Region II Program Manager
TPWD project file

Structural Repair of Battleship Texas



Photos and Exhibits Report 001

Structural Repair of Battleship Texas



March 2013

Layout of approved construction Staging Area.

Structural Repair of Battleship Texas



April 2013

East end of Staging Area on north side of ship slip at beginning of construction.

Structural Repair of Battleship Texas



April 2013

West end of Staging Area on north side of ship slip at beginning of construction.

Structural Repair of Battleship Texas



April 2013

Staging Area on north side of ship slip at beginning of construction.

Structural Repair of Battleship Texas



April 2013

Construction of spuds to secure spud barges.

Structural Repair of Battleship Texas



April 2013

Delivery and unloading of spud barge sections.

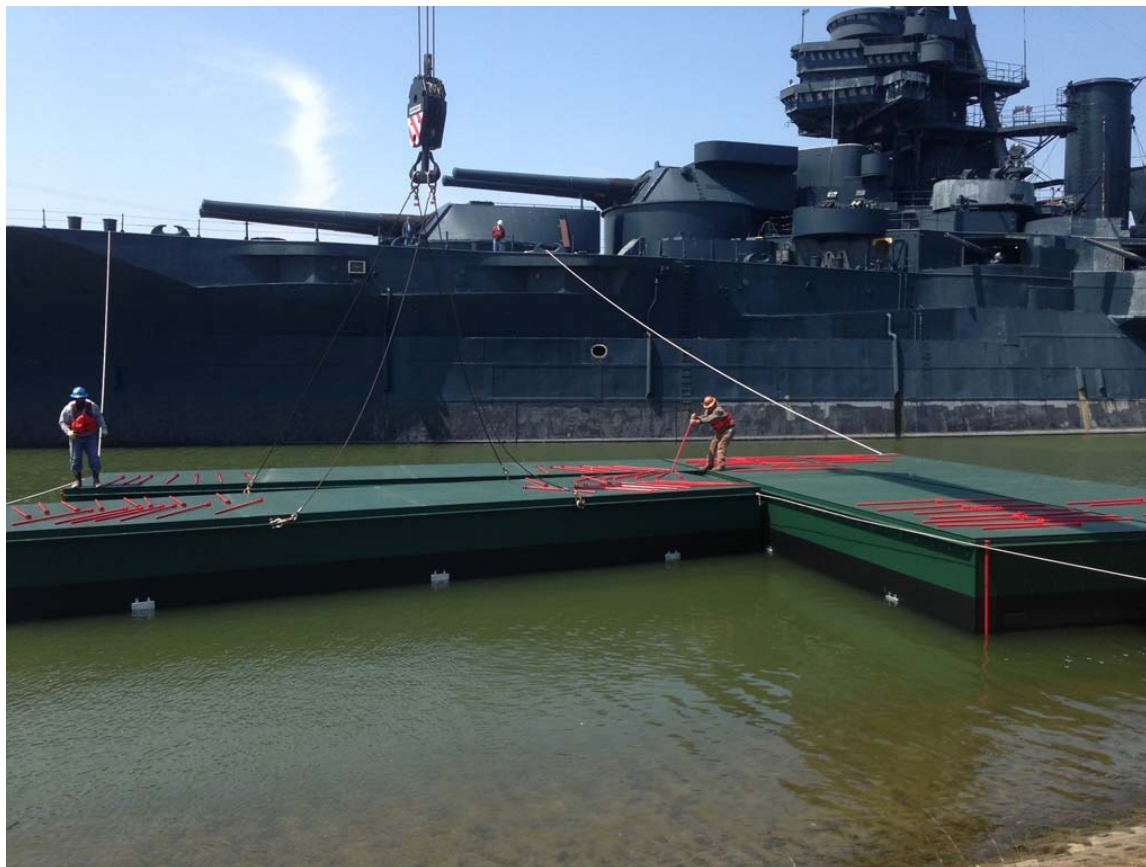
Structural Repair of Battleship Texas



April 2013

Delivery and unloading of spud barge sections.

Structural Repair of Battleship Texas



April 2013

Assembly of floating spud barge sections (8 total sections).

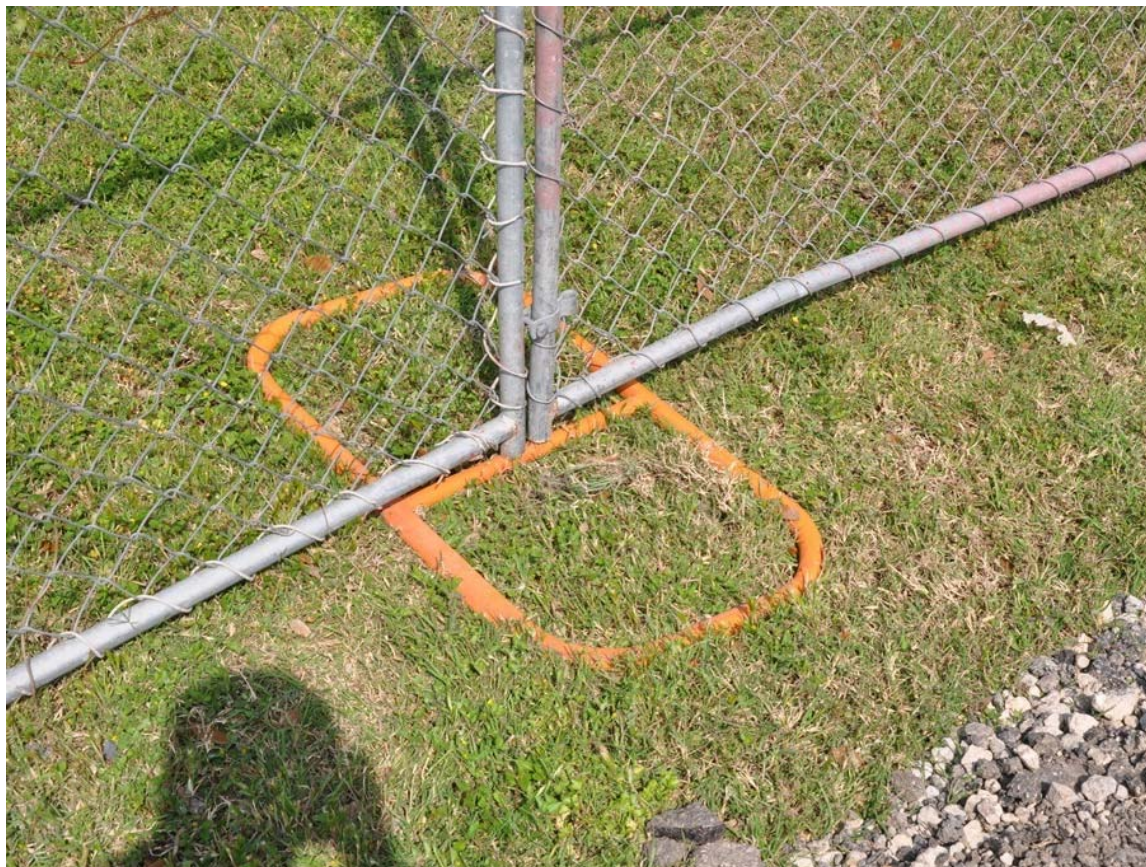
Structural Repair of Battleship Texas



April 2013

Temporary construction fencing bounding construction Staging Area.

Structural Repair of Battleship Texas



April 2013

Close-up of temporary construction fencing bounding construction Staging Area.

Structural Repair of Battleship Texas



May 2013

"Carry Deck" equipment installed on deck of ship. Note plywood deck protection.

Structural Repair of Battleship Texas



May 2013

Plywood ship deck protection.

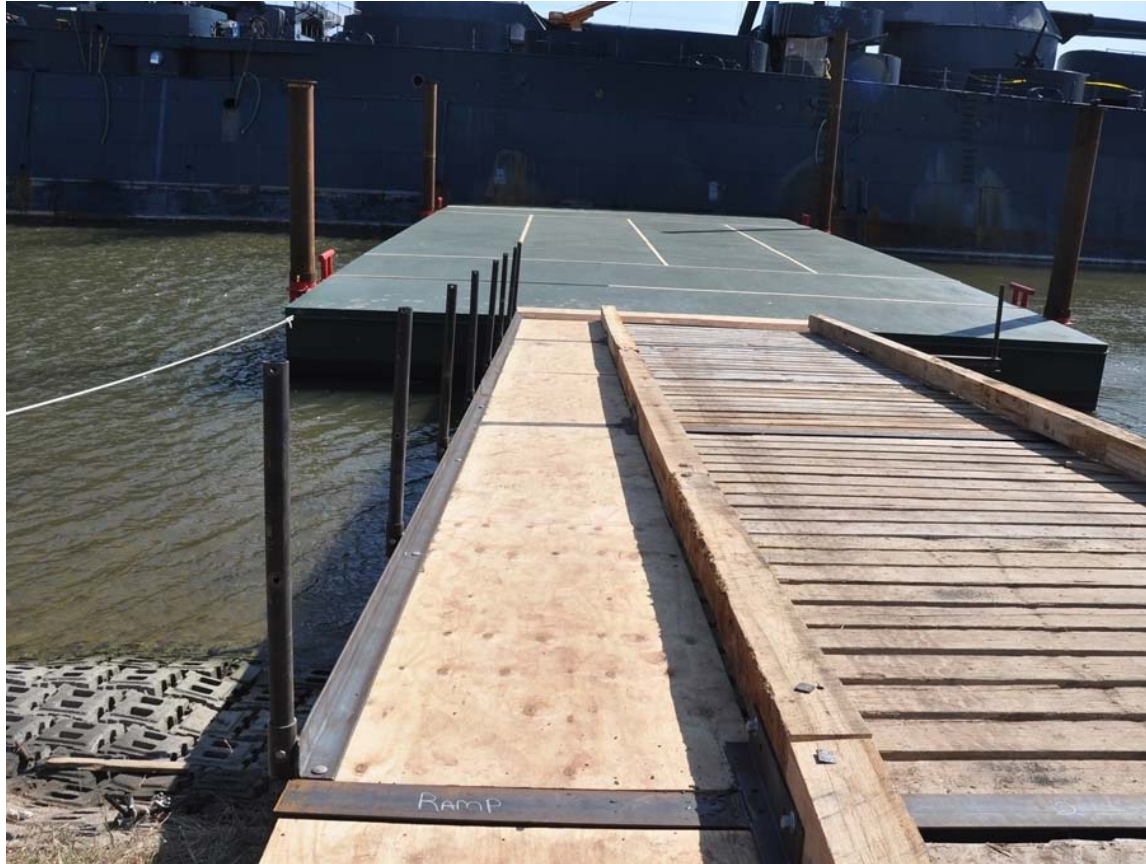
Structural Repair of Battleship Texas



May 2013

Fabrication of equipment access ramp (to be installed from shore to spud barge assembly).

Structural Repair of Battleship Texas



May 2013

Installed equipment access ramp.

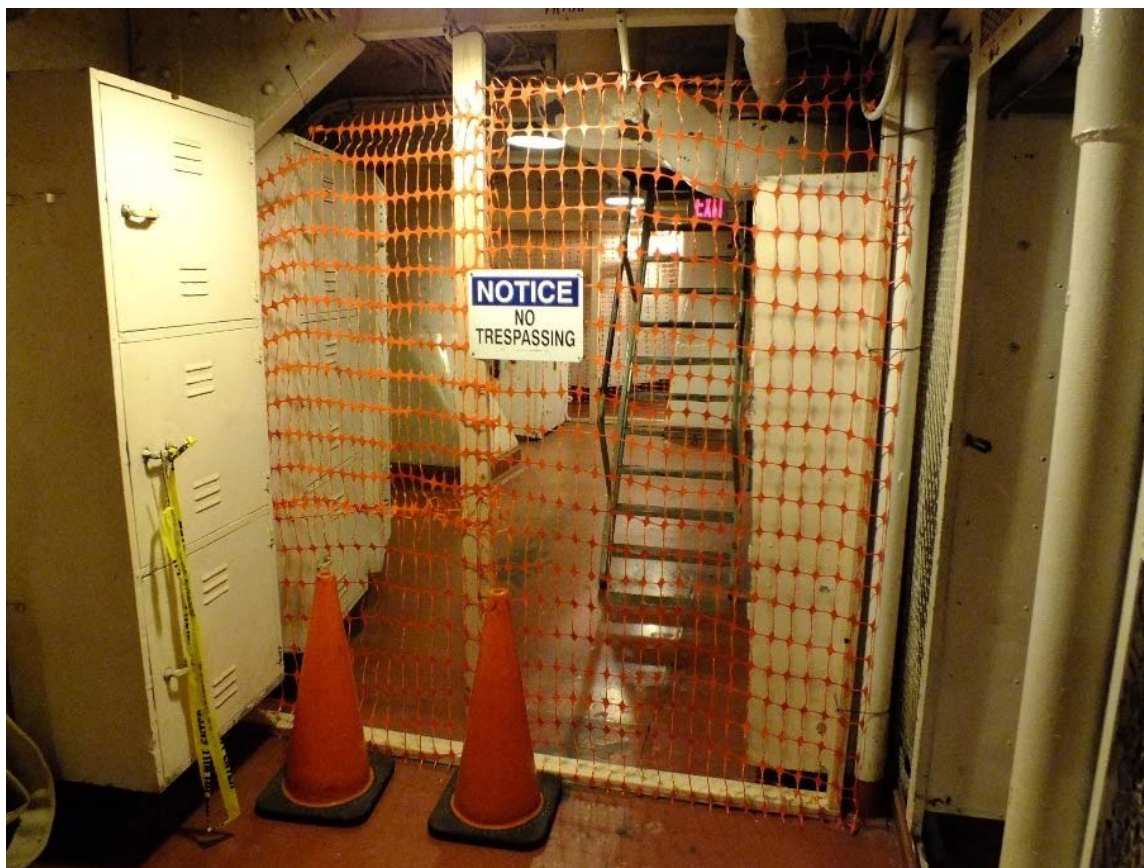
Structural Repair of Battleship Texas



May 2013

Steel plate approach to equipment access ramp. Donated plate used for approach.

Structural Repair of Battleship Texas



May 2013

Construction zone boundary on 2nd deck. Box cutter staged on construction side to facilitate emergency egress of contractor personnel.

Structural Repair of Battleship Texas



May 2013

Construction zone boundary on 2nd deck. Note keyed man door for access by TPWD Inspectors. Only senior TMC personnel and necessary TPWD staff have keys.

Structural Repair of Battleship Texas



May 2013

Opened vertical access trunk on main deck, exposing first bomb grate.

Structural Repair of Battleship Texas



May 2013

Opened vertical access trunk on main deck, exposing lower bomb grate (upper grate removed).

Structural Repair of Battleship Texas



May 2013

Completed personnel access scaffolding from spud barge. Note 12"x12" timber curbing and painted , welded support points for scaffold.

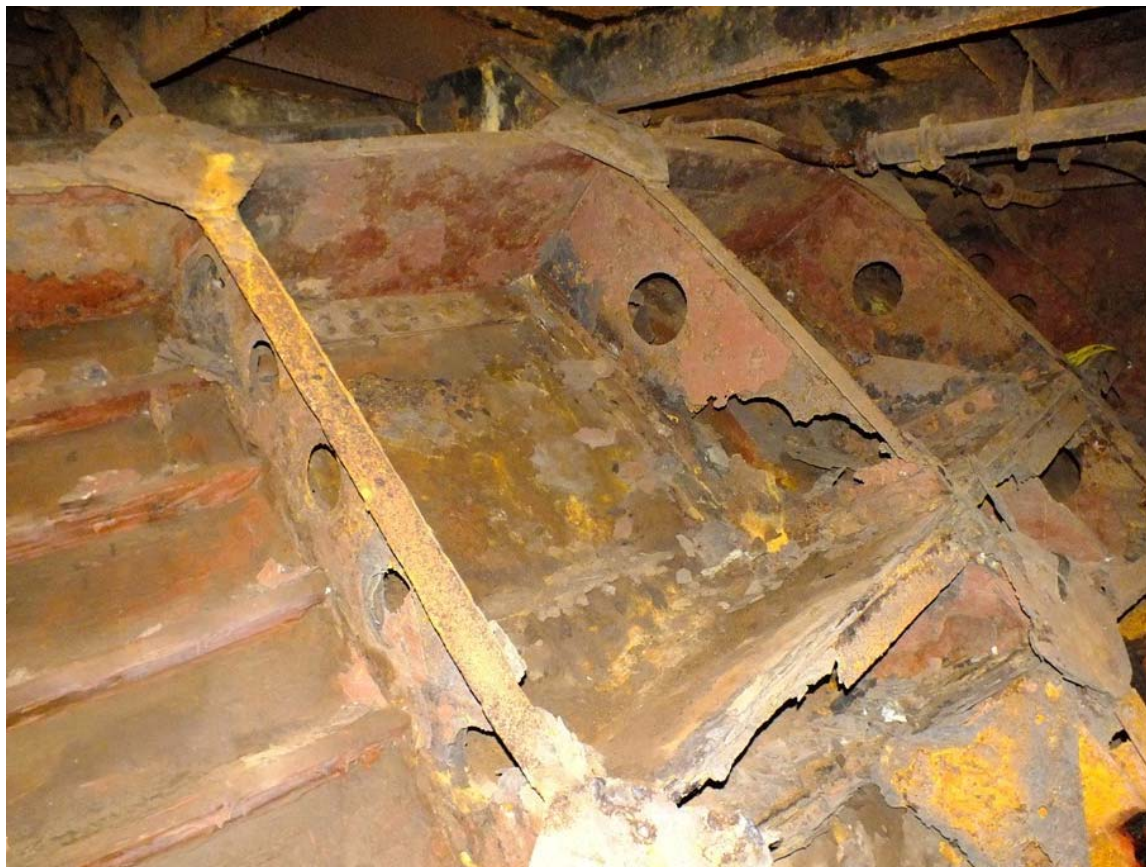
Structural Repair of Battleship Texas



May 2013

Completed spud barge and personnel scaffolding assemblies.

Structural Repair of Battleship Texas



May 2013

Typical condition of frames in Trimming Tank D-12 prior to construction.
Starboard.

Structural Repair of Battleship Texas



May 2013

Typical condition of frames in Trimming Tank D-12 prior to construction.
Port.

Structural Repair of Battleship Texas



May 2013

Engine room deck plates prior to removal. Note painted identification numbers. CAD drawings made of each engine room plate layout, with identification numbers listed.

Structural Repair of Battleship Texas



May 2013

Engine room deck plates stored in passageway after removal.

Structural Repair of Battleship Texas



May 2013

Typical artifact identification tag (engine room deck plate shown).

Structural Repair of Battleship Texas



May 2013

Engine room deck plate supports after plate removal.

Structural Repair of Battleship Texas



June 2013

Access scaffolding installed in Trimming Tank D-12.

Structural Repair of Battleship Texas



June 2013

Access scaffolding installed in Trimming Tank D-12.

Structural Repair of Battleship Texas



June 2013

Typical engine room piping configuration prior to removal.

Structural Repair of Battleship Texas



June 2013

Typical engine room piping configuration prior to removal.

Structural Repair of Battleship Texas



July 2013

Portable air conditioning unit staged on main deck. Note main deck chain link personnel barrier in background.

Structural Repair of Battleship Texas



July 2013

Ventilation unit staged on main deck.

Structural Repair of Battleship Texas



July 2013

Shade canopy erected in Staging Area.

Structural Repair of Battleship Texas



July 2013

Shade canopy erected in Staging Area.